

**NASA Educator Resource Center
K – 12 STEM-Based/Hands-on Interactive
Professional Development Workshops at Kennedy Space Center
Spring 2012**



**NASA Educator Resource Center Professional Development Workshops
correlate to the Sunshine State Standards**

NASA REACHING NEW HEIGHTS

<p style="text-align: center;">Saturday, March 3, 2012 9:00am – 12:30pm</p> <p style="text-align: center;"><i>Sun-Earth Connections</i></p> <p>Find out how you and your students can learn more about our nearest star with resources ranging from internet web sites to safe solar filters for both unaided eye and telescope. Discover NASA's ongoing role in solar research and some of the surprising results from that effort. Grades K-12</p>	<p style="text-align: center;">Saturday, April 21, 2012 7:00-10:00pm</p> <p style="text-align: center;"><i>Starry Night at KSC-Telescopes as Time Machines</i></p> <p>See the Universe in real life: not the digitized, colorized images you can see on the Internet any day! Experience photons from deep space first hand. Amateur astronomer, Tom Sarko, shares his enthusiasm for astronomy and space exploration with you while incorporating some "light" education. Get an introduction to the observable objects in our galaxy and beyond. Become familiar with the Universe that you and your students can explore with telescopes, binoculars, and even the unaided eye. View planets and moons, stars, clusters, nebulae, and distant "island universes" while taking a trip millions of years into the past. Grades K-12</p>	<p style="text-align: center;">Saturday, May 5, 2012 9:00am – 12:30pm</p> <p style="text-align: center;"><i>The Wright Stuff: Fun with Flight</i></p> <p>Fun and easy interdisciplinary activities that introduce the basic concepts of flight, from the four forces of flight to the main parts of an airplane. Some time will also be spent reviewing the history of flight, from the Wright Flyer to the space shuttle and beyond. Grades K-12.</p>	<p style="text-align: center;">Saturday, June 2, 2012 9:00am – 12:30pm</p> <p style="text-align: center;"><i>Life in the Universe: Are We Alone?</i></p> <p>An overview of the exciting field of astrobiology, from searching for life in our own Solar System to discovering Earthlike planets orbiting other stars to looking for signs of extraterrestrial intelligence. The latest findings from Hubble, Kepler, Cassini and the Mars exploration program will be discussed, and activities for sharing this exciting topic with your students will be introduced.</p>
--	--	--	--

For more information about NASA Professional Development Workshops, NASA Education or the NASA Educator Resource Center at the John F. Kennedy Space Center, please contact us at **321-867-4090** or email ksc-erc-educator-resource-center@mail.nasa.gov. Visit our website at <http://education.ksc.nasa.gov/educators/k12.htm>.

Upon completion, Florida teachers are eligible to apply for in-service points by contacting their school district professional development office.

NASA Educational Products & Curriculum will be reviewed & distributed.